

| | | | |
|---|------------------------|---------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 10002217 |
| | Filing Date | | 2001-11-01 |
| | First Named Inventor | Craig Nemecek | |
| | Art Unit | 2123 | |
| | Examiner Name | Jason Scott Proctor | |
| | Attorney Docket Number | CD01207M | |

| U.S.PATENTS | | | | | | |
|-------------------|---------|---------------|------------------------|------------|---|--|
| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
| | 1 | 5968135 | B1 | 1999-10-19 | Teramoto, et al. | Entire Document |
| | 2 | 5399922 | B1 | 1995-03-21 | Kiani et al. | Entire Document |
| | 3 | 5680070 | B1 | 1997-10-21 | Anderson et al. | Entire Document |
| | 4 | 6144327 | B1 | 2000-11-07 | Distinti et al. | Entire Document |
| | 5 | 5202687 | B1 | 1993-04-13 | Distinti | Entire Document |
| | 6 | 6166367 | B1 | 2000-12-26 | Cho | Entire Document |
| | 7 | 5600262 | B1 | 1997-02-04 | Kolze | Entire Document |
| | 8 | 5414308 | B1 | 1995-05-09 | Lee et al. | Entire Document |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | | |
|------------------------|---------------------|------------|
| Application Number | | 10002217 |
| Filing Date | | 2001-11-01 |
| First Named Inventor | Craig Nemecek | |
| Art Unit | | 2123 |
| Examiner Name | Jason Scott Proctor | |
| Attorney Docket Number | | CD01207M |

| | | | | | | |
|--|----|---------|----|------------|-----------------|-----------------|
| | 9 | 5258760 | B1 | 1993-11-02 | Moody et al. | Entire Document |
| | 10 | 5563526 | B1 | 1996-10-08 | Hastings et al. | Entire Document |
| | 11 | 6225866 | B1 | 2001-05-01 | Kubota et al. | Entire Document |
| | 12 | 5880598 | B1 | 1999-03-09 | Duong | Entire Document |
| | 13 | 6304101 | B1 | 2001-10-16 | Nishihara | Entire Document |
| | 14 | 5426378 | B1 | 1995-06-20 | Ong | Entire Document |
| | 15 | 5828693 | B1 | 1998-10-27 | Mays et al. | Entire Document |
| | 16 | 5703871 | B1 | 1997-12-30 | Pope et al. | Entire Document |
| | 17 | 6018559 | B1 | 2000-01-25 | Azegami et al. | Entire Document |
| | 18 | 6191660 | B1 | 2001-02-20 | Mar et al. | Entire Document |
| | 19 | 5939949 | B1 | 1999-08-17 | Olgaard et al. | Entire Document |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|---------------------|
| Application Number | 10002217 |
| Filing Date | 2001-11-01 |
| First Named Inventor | Craig Nemecek |
| Art Unit | 2123 |
| Examiner Name | Jason Scott Proctor |
| Attorney Docket Number | CD01207M |

| | | | | | | |
|--|----|---------|----|------------|---------------------|-----------------|
| | 20 | 6157270 | B1 | 2000-12-05 | Tso | Entire Document |
| | 21 | 4138671 | B1 | 1997-02-06 | Comer et al. | Entire Document |
| | 22 | 5633766 | B1 | 1997-05-27 | Hase et al. | Entire Document |
| | 23 | 6202044 | B1 | 2001-03-13 | Tzori | Entire Document |
| | 24 | 6356862 | B1 | 2002-03-12 | Bailey | Entire Document |
| | 25 | 5903718 | B1 | 1999-05-11 | Marik | Entire Document |
| | 26 | 6188975 | B1 | 2001-02-13 | Gay | Entire Document |
| | 27 | 6263302 | B1 | 2001-07-17 | Hellestrand, et al. | Entire Document |
| | 28 | 6332201 | B1 | 2001-12-18 | Chin, et al. | Entire Document |
| | 29 | 6598178 | B1 | 2003-07-22 | Lee, et al. | Entire Document |
| | 30 | 5050168 | B1 | 1991-09-17 | Paterson | Entire Document |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|---------------------|
| Application Number | 10002217 |
| Filing Date | 2001-11-01 |
| First Named Inventor | Craig Nemecek |
| Art Unit | 2123 |
| Examiner Name | Jason Scott Proctor |
| Attorney Docket Number | CD01207M |

| | | | | | | |
|--|----|---------|----|------------|----------------|-----------------|
| | 31 | 5438672 | B1 | 1995-08-01 | Dey | Entire Document |
| | 32 | 6314530 | B1 | 2001-11-06 | Mann | Entire Document |
| | 33 | 6681280 | B1 | 2004-01-20 | Miyake, et al. | Entire Document |

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
| | 1 | 20020122060 | A1 | 2002-09-05 | Markel | Entire Document |
| | 2 | 20030229877 | A1 | 2003-12-11 | Bersch, et al. | Entire Document |
| | 3 | 20040221238 | A1 | 2004-11-04 | Cifra, et al. | Entire Document |
| | 4 | 20020116168 | A1 | 2002-08-22 | Kim, Mahn Bok | Entire Document |
| | 5 | 20020156885 | A1 | 2002-10-24 | Thakkar, Bina Kunal | Entire Document |
| | 6 | 20020156998 | A1 | 2002-10-24 | Casselman, Steven | Entire Document |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|---------------------|
| Application Number | 10002217 |
| Filing Date | 2001-11-01 |
| First Named Inventor | Craig Nemecek |
| Art Unit | 2123 |
| Examiner Name | Jason Scott Proctor |
| Attorney Docket Number | CD01207M |

| | | | | | |
|---|-------------|----|------------|------------------|-----------------|
| 7 | 20020091739 | A1 | 2002-07-11 | Ferlitsch et al. | Entire Document |
| 8 | 20020156929 | A1 | 2002-10-24 | Hekmatpour, Amir | Entire Document |
| 9 | 20020188910 | A1 | 0220-12-12 | Zizzo, Claudio | Entire Document |

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
|-------------------|---------|--------------------------------------|---------------------------|------------------------|------------------|---|--|--------------------------|
| | 1 | 9532478 | WO | A1 | 1995-11-30 | Klien | Entire Document | <input type="checkbox"/> |
| | 2 | 0450863A2 | EP | A1 | 1991-10-09 | Austin | Entire Document | <input type="checkbox"/> |
| | 3 | 0499383A2 | EP | A1 | 1992-08-19 | El Ayat, Khaled, A. | Entire Document | <input type="checkbox"/> |
| | 4 | 0308583A2 | EP | A1 | 1989-03-29 | Bartlett | Entire Document | <input type="checkbox"/> |
| | 5 | 0639816A2 | EP | A1 | 1995-02-22 | McCollum | Entire Document | <input type="checkbox"/> |
| | 6 | 1170671A1 | EP | A1 | 2002-01-08 | Arena et al. | Entire Document | <input type="checkbox"/> |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|---------------------|
| Application Number | 10002217 |
| Filing Date | 2001-11-01 |
| First Named Inventor | Craig Nemecek |
| Art Unit | 2123 |
| Examiner Name | Jason Scott Proctor |
| Attorney Docket Number | CD01207M |

| | | | | | | | | |
|--|---|---------|----|----|------------|-------------------------------------|-----------------|--------------------------|
| | 7 | 1205848 | EP | A1 | 2002-05-15 | TELEFONAKTIEBOLAG ET LM ERICSSON | Entire Document | <input type="checkbox"/> |
|--|---|---------|----|----|------------|-------------------------------------|-----------------|--------------------------|

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T ⁵ |
|-----------------------|------------|---|--------------------------|
| | 1 | From Application Number 10/033,027 (CD00232): Goodenough, F. "Analog Counterparts of FPGAS Ease System Design" Electronic Design, Penton Publishing, Cleveland, OH, US vol. 42, no. 21, 10/14/94; 10 pages | <input type="checkbox"/> |
| | 2 | From Application Number 10/033,027 (CD00232): Harbaum, T. et al. "Design of a Flexible Coprocessor Unit" Proceedings of the Euromicro Conference, XX XX, Sept. 1999; 10 pages | <input type="checkbox"/> |
| | 3 | From Application Number 10/033,027; CD00169: "Programmable Microcontroller (PSoC) Architecture (Mixed Analog/Digital)"; 08/07/01; 09/924,734 Snyder et al.; 28 pages | <input type="checkbox"/> |
| | 4 | From Application Number 10/033,027; CD00170: "Digital Configurable Macro Architecture"; 07/18/01; 09/909,045; Snyder; 37 pages | <input type="checkbox"/> |
| | 5 | From Application Number 10/033,027; CD00172: "Configuring Digital Functions in a Digital Configurable Macro Architecture"; 07/18/01; 09/909,109; Snyder; 38 pages | <input type="checkbox"/> |
| | 6 | From Application Number 10/033,027; CD00173; "A Programmable Analog System Architecture (As Amended)"; 07/18/01; 09/909,047; Mar; 60 pages | <input type="checkbox"/> |
| | 7 | From Application Number 10/033,027; CD00174; "Programmable Methodology and Architecture for a Programmable Analog System (As Amended)"; 08/14/01; 09/930,021; Mar et al.; 87 pages | <input type="checkbox"/> |
| | 8 | From Application Number 10/033,027; CD00175; "Method for Synchronizing and Resetting Clock Signals Supplied to Multiple Programmable Analog Blocks (As Amended)"; 10/01/01; 09/969,311; Sullam; 57 pages | <input type="checkbox"/> |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|---------------------|
| Application Number | 10002217 |
| Filing Date | 2001-11-01 |
| First Named Inventor | Craig Nemecek |
| Art Unit | 2123 |
| Examiner Name | Jason Scott Proctor |
| Attorney Docket Number | CD01207M |

| | | |
|----|--|--------------------------|
| 9 | From Application Number 10/033,027: CD00180; "Method and Apparatus for Programming a Flash Memory"; 06/05/01; 09/875,599; Snyder; 23 pages | <input type="checkbox"/> |
| 10 | From Application Number 10/033,027: CD00182; "In-System Chip Emulator Architecture"; 10/10/01; 09/975,115; Snyder et al.; 38 pages | <input type="checkbox"/> |
| 11 | From Application Number 10/033,027: CD00187; "A Configurable Input/Output Interface for a Microcontroller"; 09/14/01; 09/953,423; Kutz et al.; 28 pages | <input type="checkbox"/> |
| 12 | From Application Number 10/033,027: CD00199; "Multiple Use of Microcontroller Pad"; 06/26/01; 09/893,050; Kutz et al.; 21 pages | <input type="checkbox"/> |
| 13 | From Application Number 10/033,027: CD00226; "Programming Architecture for a Programmable Analog System"; 08/14/01; 09/929,891; Mar et al.; 82 pages | <input type="checkbox"/> |
| 14 | From Application Number 10/033,027: CD00227; "Architecture for Synchronizing and Resetting Clock Signals Supplied to Multiple Analog Programmable Analog Blocks"; 10/01/01; 09/969,313; Sullam; 50 pages | <input type="checkbox"/> |
| 15 | USPTO Non-Final Rejection for 09/994,601 (CD01170M) dated 11/14/2006; 15 pages | <input type="checkbox"/> |
| 16 | USPTO Final Rejection for 09/994,601 (CD01170M) dated 03/08/2006; 14 pages | <input type="checkbox"/> |
| 17 | USPTO Non-Final Rejection for 09/994,601 (CD01170M) dated 09/21/2005; 12 pages | <input type="checkbox"/> |
| 18 | USPTO Final Rejection for 09/994,601 (CD01170M) dated 03/24/2005; 13 pages | <input type="checkbox"/> |
| 19 | HINTZ ET AL.; "MICROCONTROLLERS", 1992, McGraw-Hill; 11 pages | <input type="checkbox"/> |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|---------------------|
| Application Number | 10002217 |
| Filing Date | 2001-11-01 |
| First Named Inventor | Craig Nemecek |
| Art Unit | 2123 |
| Examiner Name | Jason Scott Proctor |
| Attorney Docket Number | CD01207M |

| | | |
|----|--|--------------------------|
| 20 | GANAPATHY, GOPI, AND NARAYAN, RAM, AND JORDEN, GLEN, AND FERNANDEZ, DENZIL, AND WANG, MING, AND NISHIMURA, JIM; "Hardware Emulation for Functional Verification of K5", June 1996, 33rd Design Automation Conference Proceedings, 3-7 June 1996; 4 pages | <input type="checkbox"/> |
| 21 | Five unnumbered pages from the Provisional Application 60/243,708; 5 pages | <input type="checkbox"/> |
| 22 | "Webster's Third New International Dictionary", 1996. G. & C. Merriam Company; 3 pages | <input type="checkbox"/> |
| 23 | USPTO Advisory Action for 09/998,848 (CD01177) dated 09/07/05; 3 pages | <input type="checkbox"/> |
| 24 | USPTO Non-Final Rejection for 09/994,601, dated 07/29/2004; 10 pages | <input type="checkbox"/> |
| 25 | USPTO Notice of Allowance for 10/008,096, dated 12/22/2008; 24 pages | <input type="checkbox"/> |
| 26 | USPTO Final Rejection for 10/008,096, dated 06/16/2008; 23 pages | <input type="checkbox"/> |
| 27 | USPTO Non-Final Rejection for 10/008,096, dated 12/12/2007; 14 pages | <input type="checkbox"/> |
| 28 | USPTO Final Rejection for 10/008,096, dated 09/04/2007; 19 pages | <input type="checkbox"/> |
| 29 | USPTO Non-Final Rejection for 10/008,096, dated 03/07/2007; 19 pages | <input type="checkbox"/> |
| 30 | USPTO Final Rejection for 10/008,096, dated 10/13/2006; 17 pages | <input type="checkbox"/> |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|---------------------|
| Application Number | 10002217 |
| Filing Date | 2001-11-01 |
| First Named Inventor | Craig Nemecek |
| Art Unit | 2123 |
| Examiner Name | Jason Scott Proctor |
| Attorney Docket Number | CD01207M |

| | | |
|----|--|--------------------------|
| 31 | USPTO Non-Final Rejection for 10/008,096, dated 04/17/2006; 18 pages | <input type="checkbox"/> |
| 32 | USPTO Final Rejection for 10/008,096, dated 11/25/2005; 17 pages | <input type="checkbox"/> |
| 33 | USPTO Non-Final Rejection for 10/008,096, dated 06/24/2005; 15 pages | <input type="checkbox"/> |
| 34 | USPTO Final Rejection for 10/008,096, dated 02/10/2005; 15 pages | <input type="checkbox"/> |
| 35 | USPTO Non-Final Rejection for 10/008,096, dated 06/14/2004; 24 pages | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.